



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Drinking Water Program

Monitoring Waiver Program Application Instructions

2005-2007 Monitoring Waiver Program

Community and Non-Transient Non-Community Public Water Systems

General Instructions

APPLICATIONS for new and/or existing sources WITHOUT waivers, seeking a reduction of the baseline monitoring requirements must submit the following:

WATER QUALITY REQUIREMENTS

1. A completed Monitoring Waiver Application – Water Quality form.
2. A completed Wellhead Protection and/or Surface Water Protection form and accompanying documentation.
3. Water quality monitoring results for each type of waiver you are requesting (VOCs, SOC, and IOC).
 - VOC Waiver: Four consecutive quarterly sample results on DEP approved forms from each source since January 1, 2002.
 - SOC Waiver: One sample result on DEP approved forms for each source, except compounds covered by statewide technical criteria waivers showing no detections. Please note Diquat no longer has an automatic statewide waiver. Systems with surface water sources that are likely to be impacted by Diquat based on use of Diquat for weed control in associated source water bodies will be required to test for Diquat. DEP will notify all impacted systems.
 - IOC Waiver: Depends on the source type:
 - Groundwater Systems: One sample result collected since January 1, 2002 for each source.
 - Surface Water Systems: Three consecutive annual samples results collected during 2002-2004.

RENEWAL APPLICATIONS for sources WITH current waivers (2002-2004)

WATER QUALITY REQUIREMENTS:

1. No new monitoring data are required.
2. Completion of the Renewal Application is the only application requirement for a VOC and/or a SOC renewal.

3. Systems that do not apply for waiver renewal or whose applications are disapproved will be required to test for SOC. Required sampling is based on the PWS population size.
4. Please be advised that approved VOC waivers will result in some minimum VOC testing as required by 310 CMR 22.00 during the 2005-2007 compliance period.
5. Sources with IOC waivers will not be required to renew for this waiver.

OTHER INFORMATION

- Waivers are granted by source, not by system.
- Existing PWSs must apply prior to the beginning of the three-year compliance period in order to qualify for a monitoring waiver for that compliance period.
- New sources or public water system may file a waiver application at any time after the DEP has approved the source.
- River Sources or inactive/emergency sources are not eligible.
- Sources that were denied a waiver because of contaminant detections at any time are not eligible for a VOC waiver (including MTBE but excluding the four THM compounds).
- Waiver applications and accompanying monitoring reports must be submitted in **DUPLICATE** to:

Department of Environmental Protection
Drinking Water Program
ATTN: MONITORING WAIVERS
One Winter Street, 6th Floor
Boston, MA 02108

- Incomplete applications will not be processed.
- DEP will review your waiver application, and, if approved, send you a revised sample schedule indicating monitoring requirements for each source. Please note that any information contained in this application is subject to verification by DEP.

DEP Website: Digital copies of the Waiver Applications are available at the DEP Website:
<http://www.mass.gov/dep/brp/dws/waiver.htm>. In the future, we will be asking water suppliers to go to this website for all monitoring waiver information.

Deadline: Applications for New Application and/or Waiver Renewals are due by August 31, 2004. The department will accept documentation of local accomplishments to protect sources, as part of the waiver renewal approval process, no later than December 31, 2004.

MONITORING WAIVER APPLICATION - For New and/or Existing Sources WITHOUT Monitoring Waivers

Section A: Public Water Supply Information:

Make sure to write your public water system identification number (PWSID #) and application date at the top right of each page.

Section B: Waiver Information:

List all sources by DEP Source ID number (last three digits: e.g. 01G, 01S, etc.) and specify monitoring program for each waiver requested.

Sections C-D: VOC, SOC, IOC Information:

Indicate source sample results submitted and sample location(s) for each source. Identify multiple source sample location if two or more sources are manifolded prior to sampling.

Section E: Source Configuration and Pumping Characteristics

If your system has manifolded two or more sources since 1990 and/or has added new sources, please explain. If your system has shown fluctuations in source water withdrawal since 1993, indicate the pumping rates.

Section F: Certification

You must sign this form for it to be valid.

This application must be accompanied with a completed Wellhead and/or Surface Water Protection Form and a landuse inventory for each source.

GROUND WATER SOURCES – WELLHEAD PROTECTION FORM

Wells pumping 100,000 gallons/day or greater:

Suppliers must submit a current:

- Aquifer protection zoning or general bylaw/ordinance; or
- Aquifer protection health regulation or bylaw; or
- Toxic and hazardous materials health regulation.

Also submit an aquifer protection district map showing the well and its Zone II/Interim Wellhead Protection Area (IWPA) and indicate the area covered by the submitted control measures. At least one of these regulations must cover the entire portion of the Zone II/IWPA in the town where the well is located. (The IWPA for wells pumping 100,000 gallons/day or greater is an area with a one half-mile radius.)

Sources with approved Zone IIs and a letter from DEP stating that they have met Massachusetts Wellhead Protection regulations (310 CMR 22.21(2)) have also met the source protection criteria required for this monitoring waiver request.

Suppliers must also fill out Sections A, B, D, and H of the Wellhead Protection Form.

Wells pumping less than 100,000 gallons/day:

Suppliers have the option of submitting the local controls (as described above), or a Wellhead Protection Form with all sections completed.

If you choose to submit local controls, you must still fill out Sections A, B, D, and H of the Wellhead Protection Form.

SURFACE WATER SOURCES – SURFACE WATER PROTECTION FORM

Surface water sources with a DEP approved avoidance of filtration waiver have met the source protection criteria. All other sources must submit a Surface Water Protection Form. Surface water sources with river intakes are not eligible for monitoring waivers.

MONITORING WAIVER RENEWAL APPLICATION – For Sources WITH WAIVERS

Section A: Public Water Supply Information:

Make sure to write your public water system identification number (PWSID #) and application date at the top right of each page.

Section B: Waiver Information:

List all sources by DEP Source ID number (last three digits: e.g. 01G, 01S, etc.) and specify monitoring program for each waiver requested.

Sections C-D: Source Water Protection Accomplishments Information:

As a condition for a monitoring waiver renewal, DEP requires the supplier to provide documentation of a source protection improvement during the 2002-2004 compliance period. Source protection improvements could include a new initiative or a demonstration of progress on an existing initiative.

Section E: Land Use Inventory

As a condition to your renewal, please inventory and identify all additional and existing threatening landuses and all nonconforming uses that expanded their nonconforming use within groundwater and/or surface water recharge areas.

Section F: Certification

You must sign this form for it to be valid.

List of Waiver Application attachments

Attachment 1 Source Water Protection Plan Checklist
Attachment 2: Sample Zone I/IWPA Wellhead Land Use Map
Attachment 3 Sample Notification Letter
Attachment 4: Clean Drinking Water Do's and Don'ts
Attachment 5: NeRWA Sign Order Form
Attachment 6: Sample Indoors Posting
Attachment 7: Manifold Source Diagram